



Section 1 - Product and Company Identification

Material Name * **APOC 5013 Neoprene Flashing Cement**

Product Code * AP-5013,

Product Description * Black Liquid.

Product Use * Black Roof Sealant

Synonyms * Black Roof Patching Cement

Manufacturer * Gardner Gibson
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Tampa, FL 33605
United States
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Please use "Contact Us" form on the website

Telephone

Technical * 813-248-2101

Emergency * 800-424-9300

Emergency * 703-527-3887

Preparation Date * 6/25/2015

Last Revision Date * 6/25/2015

Section 2 - Hazards Identification

Emergency Overview

DANGER

FLAMMABLE LIQUID AND VAPOR

Causes mild skin irritation. Harmful if swallowed.

Prevention Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash thoroughly after handling.

Response IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention.

Storage/Disposal Store in a closed container. Do not allow product to freeze. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.



Flammable liquid and vapor.
Harmful in contact with skin or if inhaled.
Causes serious eye irritation.
Causes skin irritation.
Suspected of causing cancer if inhaled.
May be fatal if swallowed and enters airways.
May cause respiratory irritation.
May cause damage to organs through prolonged or repeated exposure if inhaled. (ears)

CAUTION - May cause eye and skin irritation on contact.

Physical Form

* Liquid

Color

* Black Liquid.

Odor

* Paint-Like Odor.

Flash Point

* 81 F(27.2 C)

OSHA(HCS2012)

* FLAMMABLE LIQUIDS - Category 3
ACUTE TOXICITY: SKIN - Category 4
ACUTE TOXICITY: INHALATION - Category 4
SKIN CORROSION/IRRITATION - Category 2
SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A
CARCINOGENICITY: INHALATION - Category 2B
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) [Respiratory tract irritation] - Category 3
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE): INHALATION [ears] - Category 2
ASPIRATION HAZARD - Category 1

WHMIS

* Class D - Poisonous and Infectious Materials - Division 2 - Subdivision B



GHS

* FLAMMABLE LIQUIDS - Category 3
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ASPIRATION HAZARD - Category 1

NFPA:

Health : 2

Flammability: 3

Reactivity: 0

Personal Protection: G

Potential Health Effects

Inhalation

- Acute (Immediate)** * Inhalation of vapors or mists may cause central nervous system depression, light-headedness, headache, nausea and loss of coordination.
- Chronic (Delayed)** * Under normal conditions of use, no health effects are expected.

Skin

- Acute (Immediate)** * May cause irritation.
- Chronic (Delayed)** * Repeated and prolonged exposure to the skin may cause dermatitis.

Eye

- Acute (Immediate)** * Likely to cause eye irritation, burning, tearing, etc. on contact with the eyes. If swelling and irritation persist, seek medical attention.
- Chronic (Delayed)** * Direct contact may cause slight to moderate irritation.

Ingestion

- Acute (Immediate)** * May cause irritation. May affect the nervous system. May be harmful or fatal if swallowed.
- Chronic (Delayed)** * Repeated and prolonged exposure may cause gastrointestinal disturbances including diarrhea, nausea, and vomiting.

Carcinogenic Effects			
	CAS	IARC	NTP
Ethyl Benzene	100-41-4	Group 2B	

Section 3 - Composition/Information on Ingredients

Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Xylene	CAS: 1330-20-7	32.0%	ORAL (LD50): Acute: 4300 mg/kg [Rat]. 2119 mg/kg		
Thermoplastic Rubber	CAS: 132778-07-5	10.0%	Oral, rat: LD50 = 2,000 mg/kg		
Hydrocarbon Resin	CAS: 68131-77-1	10.0%	Oral, rat: LD50 = >1260 mg/kg		
Mica	CAS: 12001-26-2	2.0%			
Calcium Carbonate	CAS: 1317-65-3	26.0			
Kaolin Clay	CAS: 1332-58-7	8.0			
Carbon Black	CAS: 1333-86-4	8.0	Oral, rat: LD50 = >15400 mg/kg; Skin, rabbit: LD50 = >3 gm/kg;		
Ethyl Benzene	CAS: 100-41-4	3.0	Oral, rat: LD50 = 4,100 mg/kg		
Chlorinated Paraffin	CAS: 63449-39-8	1.0			

Non-Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments

This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

Section 4 - First Aid Measures

Inhalation	* IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If signs/symptoms continue, get medical attention.
Skin	* Rinse skin immediately with plenty of water for 15-20 minutes. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
Eye	* If eye irritation persists: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Ingestion	* If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

Section 5 - Fire Fighting Measures

Extinguishing Media	* LARGE FIRE: Water spray, fog or regular foam. SMALL FIRES: Dry chemical, CO2, water spray or regular foam.
Unsuitable Extinguishing Media	* No data available.
Firefighting Procedures	* Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep unauthorized personnel away.
Unusual Fire and Explosion Hazards	* Product containers may rupture when exposed to extreme heat. Precautions should be taken to prevent release of materials.
Hazardous Combustion Products	* Non-combustible, substance itself does not burn but may decompose upon heating to produce toxic fumes.
Protection of Firefighters	* Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Flash Point	* > 81 F(> 27.2 C) CC (Closed Cup)

Section 6 - Accidental Release Measures

Personal Precautions	* Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
Emergency Procedures	* Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up.
Environmental Precautions	* Avoid run off to waterways and sewers.
Containment/Clean-up Measures	* Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use appropriate Personal Protective Equipment (PPE)
Prohibited Materials	* Avoid contact with strong oxidizing agents and acids.

Section 7 - Handling and Storage

Handling	* KEEP OUT OF THE REACH OF CHILDREN! Keep containers tightly closed when not in use.
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Storage	* Avoid extreme temperatures and freezing. Keep container/package tightly closed and in a well-ventilated place.
Special Packaging Materials	* Not Applicable.
Incompatible Materials or Ignition Sources	* Avoid contact with strong oxidizing agents and acids.

Section 8 - Exposure Controls/Personal Protection

Personal Protective Equipment

Pictograms



Respiratory

- * When used with adequate ventilation, a respirator is not normally required. If required, use a NIOSH-approved air purifying respirator with organic vapor cartridge or supplied air respirator. This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

Eye/Face

- * Wear ANSI approved safety glasses with side shields or safety goggles.

Hands

- * Wear chemical resistant gloves with repeated or prolonged exposure.

Engineering Measures/Controls

- * Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values. Use precaution to protect building intake from fumes and vapors created outdoors.

Exposure Limits/Guidelines					
	Result	Canada Ontario	Mexico	NIOSH	OSHA
Xylene (1330-20-7)	TWAs	250 mg/m ³	Not established)	100 ppm	100 ppm
Ethyl Benzene (100-41-4)	TWAs			100 ppm	100 ppm
Hydrocarbon Resin (68131-77-1)	TWAs				10 mg/m ³
Carbon Black (1333-86-4)	TWAs	10 mg/m ³ TWAEV (total dust)	10 mg/m ³ TWA (as Ti)	3.5 mg/m ³ TWA; 0.1 mg/m ³ TWA (as PAH, carbon black in presence of polycyclic aromatic hydrocarbons) 1750 mg/m ³ IDLH	3.5 mg/m ³ TWA
Calcium carbonate (1317-65-3)	TWAs	Not established	10 mg/m ³ TWA	10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)

Section 9 - Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Black liquid with heavy consistency.
Color	Black Liquid.	Odor	Paint-Like Odor.
Taste	No data available.	Particulate Type	Not relevant
Particulate Size	Not relevant	Aerosol Type	Not relevant
Odor Threshold	No data available		
General Properties			

Boiling Point	212 to 245 F(100 to 118.3333 C)	Melting Point	No data available
Decomposition Temperature	No data available	Heat of Decomposition	Not relevant
pH	8 @ 25 C(77 F)	Specific Gravity/Relative Density	1.27 Water=1
Density	10.56 lbs/gal @ 25 C(77 F)	Bulk Density	No data available
Water Solubility	Soluble 0 % @ 25 C(77 F)	Solvent Solubility	Not relevant
Viscosity	165,000 cps. @ 25 C(77 F)		
Volatility			
Vapor Pressure	5.3 mmHg (torr) @ 20 C(68 F)	Vapor Density	> 1 Air=1
Evaporation Rate	< 1 Ether = 1	VOC (Wt.)	No data available
VOC (Vol.)	400 g/L	Volatiles (Wt.)	No data available
Volatiles (Vol.)	No data available		
Flammability			
Flash Point	81 F(27.2 C)	Flash Point Test Type	CC (Closed Cup)
UEL	No data available	LEL	No data available
Autoignition	No data available	Self-Accelerating Decomposition Temperature (SADT)	Not relevant
Heat of Combustion (ΔH_c)	Not relevant	Burning Time	Not relevant
Flame Duration	Not relevant	Flame Height	Not relevant
Flame Extension	Not relevant	Ignition Distance	Not relevant
Environmental			
Half-Life	Not relevant	Octanol/Water Partition coefficient	Not relevant
Coefficient of Water	Not relevant	Bioaccumulation Factor	Not relevant
Bioconcentration Factor	Not relevant	Biochemical Oxygen Demand BOD/BOD5	Not relevant
Chemical Oxygen Demand	Not relevant	Persistence	Not relevant
Degradation	Not relevant		

Section 10 - Stability and Reactivity

Stability	* Stable under normal temperatures and pressures.
Hazardous Polymerization	* Hazardous polymerization not indicated.
Conditions to Avoid	* Excessive heat and freezing.
Incompatible Materials	* Strong oxidizers and acids.
Hazardous Decomposition Products	* No known issues under normal usage conditions.

Section 11 - Toxicological Information

Component Name	CAS	Data
Xylene (32%)	1330-20-7	Acute Toxicity: ORAL (LD50): Acute: 4300 mg/kg [Rat]. 2119 mg/kg
Thermoplastic Rubber (10%)	132778-07-5	Acute Toxicity: Oral,rat: LD50 = 2,000 mg/kg
Hydrocarbon Resin (10%)	68131-77-1	Acute Toxicity: Oral, rat: LD50 = >1260 mg/kg
Carbon Black (8%)	1333-86-4	Acute Toxicity: orl-rat TDLo:60 gm/kg; Irritation: skn-hmn 300 ug/3D-I MLD
Ethyl Benzene (3%)	100-41-4	Acute Toxicity: Oral,rat: LD50 = 4,100 mg/kg

Other Component Information

* IARC has concluded that the following chemicals in this product are possibly carcinogenic to humans (Group 2B). Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.

Section 12 - Ecological Information

Ecological Fate * No data available.
Persistence/Degradability * No data available.
Bioaccumulation Potential * No data available.
Mobility in Soil * No data available.
Other Information * Do not allow product exposure to the ground or into any waterway. Do not allow entry into municipal sewer systems.

Section 13 - Disposal Considerations

Product * Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transportation Information

DOT - United States - Department of Transportation - Shipping Name: UN1133 Hazard Class 3 Packing Group 3 Limited Quantity Exemption.

TDG - Canada - Transportation of Dangerous Goods - Shipping Name: UN1133 Hazard Class 3 Packing Group 3 Limited Quantity Exemption.

IMO/IMDG - International Maritime Transport Shipping Name: UN1133 Hazard Class 3 Packing Group 3 Limited Quantity Exemption.

International Air Transportation Association: UN1133 Hazard Class 3 Packing Group 3

Section 15 - Regulatory Information

SARA Hazard Classifications * Acute, Chronic

State Right To Know					
Component	CAS	MA	MN	NJ	PA
Xylene	1330-20-7	Yes	Yes	Yes	Yes
Thermoplastic Rubber	132778-07-5	No	No	No	No
Hydrocarbon Resin	68131-77-1	No	No	No	No
Mica	12001-26-2	Yes	Yes	Yes	Yes
Calcium Carbonate	1317-65-3	No	No	No	No
Kaolin Clay	1332-58-7	Yes	Yes	Yes	Yes
Carbon Black	1333-86-4	Yes	Yes	Yes	Yes
Ethyl Benzene	100-41-4	Yes	Yes	Yes	Yes

Chloronated Paraffin	63449-39-8	No	No	No	Yes
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Inventory					
Component	CAS	EU EINECS		TSCA	
Xylene	1330-20-7	Yes		Yes	
Thermoplastic Rubber	132778-07-5	No		No	
Hydrocarbon Resin	68131-77-1	No		No	
Mica	12001-26-2	Yes		Yes	
Calcium Carbonate	1317-65-3	Yes		Yes	
Kaolin Clay	1332-58-7	No		No	
Carbon Black	1333-86-4	Yes		Yes	
Ethyl Benzene	100-41-4	Yes		Yes	
Chloronated Paraffin	63449-39-8	No		Yes	

Canada

Labor

Canada - WHMIS - Classifications of Substances

●Carbon Black	1333-86-4	2%	D2A
Xylene	1330-20-7	32%	B2
Kaolin Clay	1332-58-7	8*	D2a
Ethyl Benzene	100-41-4	3%	D2a

United States

Environment

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

●Carbon Black	1333-86-4	2%	Not Listed
Xylene	1330-20-7	32%	Listed
Ethyl Benzene	100-41-4	3%	Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

●Xylene	1330-20-7	32%	Listed
Ethyl Benzene	100-41-4	3%	Listed

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

Xylene	1330-20-7	32%	Listed
Ethyl Benzene	100-41-4	3%	Listed

Other Information

* WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16 - Other Information

Preparation Date * 6/25/2015

Last Revision Date * 4/25/2015

Disclaimer/Statement of Liability

* This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the users responsibility to verify the suitability and completeness of such

information for particular use. Gardner-Gibson does not accept liability for any loss or damage that may occur from the use of this information.